

BY ORDER OF AFI 11-2C-17V3 ADDENDA B CL-2
THE SECRETARY OF THE AIR FORCE

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Flying Operations

**C-17 LOADMASTER
SOLL II CHECKLIST**

This checklist establishes procedures for the operation of C-17 aircraft employed by the Mobility Air Forces (MAF) to accomplish their worldwide missions.

This checklist complements AFI 11-2C-17V3 Addenda B, C-17 Special Operations Low Level (SOLL) II Procedures, and is printed on standard 8 1/2" x 11" bond paper then trimmed to a unique size (4 1/2" x 11") that will fit standard C-17 aircrew checklist binders. Units may request copy of this checklist printed on water proof based media from the OPR. Printed copies are limited to aircrew for use in in-flight and training purposes only.

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**SOLL II LOADMASTERS AIRCRAFT
PREPARATION**

- 1. External Power Panel Light Switches – OFF**
- 2. Single Point Refuel Panel – Taped (As Required)**
- 3. Single Point Refuel Receptacles – Checked (As Required)**
- 4. Cargo Compartment Underfloor Lights – OFF**
- 5. Cargo Floor Anti Skid – – Checked**
- 6. Cargo Compartment Landing Gear Inspection Lights – OFF**
- 7. Cargo Compartment Landing Gear Inspection Windows – Taped**
- 8. Forward Loadmaster Station – – Set**
 - a. CARGO COMP LIGHTS**
 - b. ANNUNCIATORS**
 - c. P.A. Panel – Taped.**
 - d. Sidewall Panel Switch – Taped (As Required)**
 - e. Aircrew Data Transfer Device – Closed/Covered**
 - f. Oxygen System Panel – Taped (As Required)**
- 9. AEROMEDICAL/CARGO WINCH Control Panel Cover – Installed (As Required)**
- 10. Galley – – Set**
 - a. Turn light switch off and tape over.**
- 11. Printer – Off**
- 12. Crew Entrance Light Panel Cover – Installed (As Required)**

13. Cargo Compartment Cabin Pressure Gage Cover – Installed

14. Aft Loadmaster Station Left Side - - Set

a. LIGHTS

b. ANNUNCIATORS

c. P.A. Panel – Taped.

15. Aft Loadmaster Station Right Side TROOP DOOR ANNUNCIATOR Lights– Taped

16. Cargo Compartment Portholes Covers - - Installed

17. ADS Pallet Sidewall Indicator Lights – Taped (As Required)

18. LOG Pallet Sidewall Indicator Lights – Taped (As Required)

19. Chem. Lights - - In Place (As Required)

a. Cargo Compartment Tie Down Ring Pans

b. Emergency Exit Operating Handles

c. Emergency Exit Light Switch

d. RAMP BLOWDOWN Switches

e. Retriever Cable Quick Disconnect Fitting(s).

f. Canadian Retrieval System

g. Lavatory

h. Winch Compartment

20. Jump Signal Lights – Taped (As Required)

SO CABIN ALTITUDE CHECKLIST**SO CABIN ALTITUDE**

- 1. “CREW, CABIN ALTITUDE CHECKLIST” (PF)
“ACKNOWLEDGED” (PNF, JS, LM1, LM2)**
- 2. Fwd Loadmaster Station Oxygen System Panel,
Center Seat, and Lavatory Emergency Regulators-
OFF (LM2)**
- 3. HALO/THER Regulator Levers and Pressure
Gauge- ON and CHECKED (As required) (LM2)**
- 4. Oxygen Check- “COMPLETE”(PNF, PF, JS, LM1,
LM2)**
 - a. Mask- Fitted**
 - b. Regulator- On/Set/Pressure**
 - c. Mask/Hose- Connections**
- 5. Loadmaster's Report- “CHECK COMPLETE”
(LM1, LM2)**

PRE-SLOWDOWN AIRDROP CHECKLIST

- 1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF) –
"ACKNOWLEDGED" (PNF, JS, LM1)**
- 2. Cargo Compartment Lights –As Required**
- 3. Helmet- On**
- 4. NVGs - Ready (As Required).**
- 5. Remote Winch Control - As Required**
- 6. Ramp and Door Area- As Required**
- 7. ELEC PWR Switch-ON**
- 8. DOOR SYS ARMED Annunciator-Illuminated (As
Required)**
- 9. NO. 2 HYD PRESS Annunciator-Illuminated (As
Required)**
- 10. Jump Platform Lights- As Required**
- 11. JUMP SIGNAL DIM Switch- As Required**
- 12. Bundle Marker Lights- As Required**
- 13. Personnel- Secured**
- 14. Parachute/Safety Harness- On**
- 15. Red Light- On**
- 16. Loadmaster's Report- "CHECK COMPLETE"
(LM1, LM2)**

SLOWDOWN AIRDROP CHECKLIST

- 1. "CREW, SLOWDOWN CHECKLIST" (PF)-
"ACKNOWLEDGED" (PNF, JS, LM1)**
- 2. Cargo Compartment Lights- As Required**
- 3. NVGs- On (As Required)**

SO PERSONNEL AIRDROP CHECKLIST

- 4. Door(s)- “CLEAR TO OPEN” (JS)**
- 5. Air Deflector(s) / Paratroop Door(s)-Deployed/ Open (As Required)**
- 6. Ramp and Door- Open (As Required)**
- 7. TROOP ARM/DISARM Switch-ARMED**
- 8. Parachutist(s)/ Paratroop Door Bundle(s)- Positioned (As Required)**
- 9. Loadmaster's Report-“CHECK COMPLETE” (LM1, LM2)**

RELEASE POINT AIRDROP CHECKLIST

- 1. Amber Lights- On**
- 2. “FIVE, FOUR, THREE, TWO, ONE, GREEN LIGHT” (MC/PNF)**
- 3. Pilot Notified-“LOAD CLEAR” or “MALFUNCTION” (LM1)**
- 4. “RED LIGHT”- On (MC/PNF)**
- 5. Jumpmaster-Alerted**

POST DROP AIRDROP CHECKLIST

- *1. Static Line Retrieval- As Required**
- 2. Ramp and Door-Closed (As Required)**
- 3. Troop Door(s)/Air Deflector(s)- Closed (As Required)**
- 4. Air Deflectors-“CLOSED” (LM1) (As Required)**
- 5. NVGs- As Required**
- 6. Cargo Compartment Lights- As Required**
- *7. Static Line Retriever Cables- As Required**

8. Jump Platform Lights- As Required

9. HALO Safety Check-As Required

a. Jumper(s) Equipment De-armed-Checked

**b. Pilot Notified- HALO Safety Check
“COMPLETE”(LM1)**

10. Forward Loadmaster Station Oxygen System

11. HALO/THER Regulator Levers- As Required

**12. Loadmaster's Report- “CHECK COMPLETE”
(LM1, LM2)**

PERSONNEL AIRDROP MALFUNCTION CHECKLIST
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| <ol style="list-style-type: none">1. Jumpmaster Notified – Stop Remaining Parachutists2. “RED LIGHT ON” (PNF)3. Cargo Compartment Lights – As Required If4. CARGO OVERHEAD ORIDE Switch – As Required5. Jumper's Condition/Nature of Malfunction – Pilot
Advised6. Towed Parachutist/Door Bundle – Retrieve/Cut (As
Required)7. Paratroop Retrieval System– Installed (As
Required).8. Accomplish retrieval – As Required9. Pilot Notified – “MALFUNCTION CHECKLIST
COMPLETE” (LM1) |
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PRE-SLOWDOWN AIRDROP CHECKLIST

- 1. “CREW, PRE-SLOWDOWN CHECKLIST” (PF) –
“ACKNOWLEDGED” (PNF, JS, LM1, LM2)**
- 2. Cargo Compartment Lights –As Required (LM1)**
- 3. Helmet- On**
- 4. NVGs - Ready (As Required)**
- 5. Item Marker Lights-As Required (LM2)**
- 6. ELEC PWR Switch-ON (LM1)**
- 7. DOOR SYS ARMED Annunciator-Illuminated
(LM1)**
- 8. NO. 2 HYP PRESS Annunciator – Illuminated
(LM1)**
- 9. ADS DROP GP SELECT Rotary Switch- SET (LM1)**
- 10. ADS LOCK GANG CNTR, L/R LOCK SELCT
Rotary Switches- SET (LM1)**
- 11. ADS LOCK STATUS Annunciators-Checked
(LM1)**
 - a. Left Locks in Platform(s)- Engaged**
 - b. Right Locks in Platform(s)- ARMED**
 - c. Locks between and aft of platform(s) –Retracted**
- 12. Personnel- Secured (LM2)**
- 13. Pole Knife-Positioned/Secured (LM2)**
- 14. Parachute/Safety Harness-On**
- 15. LM2- In Position**
- 16. Red Light- On**
- 17. Drop Group Select-“SET ___/___” (LM1)**

**18. Loadmaster's Report- "CHECK COMPLETE"
(LM1, LM2)**

SLOWDOWN AIRDROP CHECKLIST

- 1. "CREW, SLOWDOWN CHECKLIST" (PF)-
"ACKNOWLEDGED" (PNF, JS, LM1, LM2)**
- 2. HOT MIC- ON (LM1)**
- 3. Parachutist(s)- Ready (As Required) (LM2)**
- 4. Cargo Compartment Lights- As Required (LM2)**
- 5. NVGs- On (As Required)**
- 6. Door(s)- "CLEAR TO OPEN" (JS)**
- 7. Ramp and Door-Open (LM1)**
- 8. ADS LOCK GANG CONTR, L LOCKS Switch-
REL (LM1)**
- 9. L or R CHUTE ARM Switch- Armed (LM1)**
- 10. TOW REL- ARM**
- 11. Switch- Armed (LM1)**
- 12. ADS ARM Annunciator – Illuminated (LM1)**
- 13. Loadmaster's Report-"CHECK COMPLETE"
(LM1, LM2)**

RELEASE POINT AIRDROP CHECKLIST

- 1. Amber Lights- On**
- 2. "DROGUE DEPLOYED" (PNF)**
 - a. L/R DROGUE CHUTE Switch-DEPLOY (As
Required) (LM1)**
 - b. Pilot Notified-"MALFUNCTION" (LM1)**
 - c. SO Heavy Equipment Malfunction Checklist-
Initiated (LM1)**

- 3. Status of Drogue-“DROGUE OK” or “MALFUNCTION” (LM2)**
 - a. DROGUE JETTISON Switch- JETT (LM1)**
 - b. EMERG DROGUE Switch- JETT (As Required) (LM1)**
 - c. “DROGUE JETTISONED” (LM2)**
 - d. SO Heavy Equipment Malfunction Checklist- Initiated (LM1)**
- 4. “FIVE, FOUR, THREE, TWO, ONE, GREEN LIGHT” (MC/PNF)**
 - a. TOW PLATE Switch-REL (As Required) (LM1)**
 - b. Pilot Notified-“MALFUNCTION” (LM1)**
 - c. DROGUE JETTISON Switch- JETT (LM1)**
 - d. EMERG DROGUE Switch-JETT (As Required) (LM1)**
 - e. “DROGUE JETTISONED” (LM2)**
 - f. SO Heavy Equipment Malfunction Checklist- Initiated (LM1)**
- 5. “RELEASE RELEASE RELEASE” (LM2) (As Required)**
 - a. Pilot Notified-“MALFUNCTION” (LM2)**
 - b. SO Heavy Equipment Malfunction Checklist- Initiated (LM1, LM2)**
- 6. ADS LOCK GANG CONTR, R LOCKS REL Switch- REL (As Required) (LM1)**
 - a. Pilot Notified-“MALFUNCTION” (LM1)**
 - b. SO Heavy Equipment Malfunction Checklist- Initiated (LM1, LM2)**
- 7. Pilot Notified- “LOAD CLEAR” (LM1)**
- 8. “RED LIGHT”- On (MC/PNF)**
- 9. Jumpmaster- Alerted (LM2)**

SO HEAVY EQUIPMENT AIRDROP CHECKLIST

POST DROP AIRDROP CHECKLIST

- 1. Ramp and Door-Closed (LM1)**
- 2. NVGs- As Required**
- 3. Cargo Compartment Lights- As Required (LM2)**
- 4. HOT MIC- OFF (LM1)**
- 5. Platform(s)- Secured (As Required)**
- 6. ADS LOCK GANG CONTR, L/R LOCK SELECT
Rotary Switches- SAFE (LM1)**
- 7. ADS DROP GP SELECT Rotary Switch-SAFE
(LM1)**
- 8. HALO Safety Check-As Required (LM1)**
 - a. Jumper(s) Equipment De-armed-As Required**
 - b. Pilot Notified- HALO Safety Check
“COMPLETE” (LM1)**
- 9. Forward Loadmaster Station Oxygen System Panel,
Center Seat, and Lavatory Emergency Regulators-
As Required (LM1)**
- 10. HALO/THER Regulator Levers- As Required
(LM1)**
- 11. Aircraft Equipment-As Required**
 - a. TRM Cover-Installed**
 - b. Ramp Edge Cover-Stowed**
 - c. Rail Bridge Assembly- Stowed**
- 12. Loadmaster's Report- “CHECK COMPLETE”
(LM1, LM2)**

HEAVY EQUIPMENT MALFUNCTION CHECKLIST
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| <ol style="list-style-type: none">1. "RED LIGHT ON" (PNF)2. Cargo Compartment Lights – As Required (LM2)3. ADS LOCK GANG CONTR, L LOCKS LOCK Switch – LOCK (LM1)4. ADS GANG LOCK BACKUP Switch – LOCK POSITION AND HOLD 2.5 SECONDS (As Required) (LM1)5. "LOCKS ENGAGED" (As Required) (LM1)6. "ACKNOWLEDGED, LOCKS ENGAGED" (As Required) (LM2)7. Extraction Line – Cut (As Required) (LM2)8. "EXTRACTION LINE CLEAR" (As Required) (LM2)9. Pilot Notified – "MALFUNCTION CHECKLIST COMPLETE" (LM1) |
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PRE-SLOWDOWN AIRDROP CHECKLIST

- 1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF) –
"ACKNOWLEDGED" (PNF, JS, LM1, LM2)**
- 2. Cargo Compartment Lights –As Required (LM1)**
- 3. Helmet- On**
- 4. NVGs - Ready (As Required)**
- 5. Supplemental Restraint- Removed**
- 6. Remote Winch Control- As Required (LM1)**
- 7. ELEC PWR Switch-ON (LM1)**
- 8. DOOR SYS ARMED Annunciator-Illuminated
(LM1)**
- 9. NO. 2 HYD PRESS Annunciator-Illuminated (LM1)**
- 10. CDS Gate SELECT Rotary Switch- SET (LM1)**
- 11. Item Marker Lights- As Required (LM2)**
- 12. High Altitude CDS Safety Pin(s)- Removed (As
Required) (LM2)**
- 13. Personnel-Secured (LM2)**
- 14. V-knife/Pole knife –Ready (LM2)**
- 15. Parachute/Safety Harness-On**
- 16. LM2- In Position**
- 17. Red Light- On**
- 18. Loadmaster's Report- "CHECK COMPLETE"
(LM1, LM2)**

SLOWDOWN AIRDROP CHECKLIST
<ol style="list-style-type: none">1. “CREW, SLOWDOWN CHECKLIST” (PF)- “ACKNOWLEDGED” (PNF, JS, LM1, LM2)2. Parachutist(s)- Ready (As Required) (LM2)3. Cargo Compartment Lights- As Required (LM1)4. NVGs- On (As Required)5. Door(s)- “CLEAR TO OPEN” (JS)6. Ramp and Door-Open (LM1)7. CDS ARM Switch-ARM (LM1)8. ADS ARM Annunciator- As Required (LM1)9. Loadmaster's Report-“CHECK COMPLETE” (LM1, LM2).

RELEASE POINT AIRDROP CHECKLIST
<ol style="list-style-type: none">1. Amber Lights- On2. “FIVE, FOUR, THREE, TWO, ONE, GREEN LIGHT” (MC/PNF)3. Release Gate(s) –Cut (As Required) (LM2)4. Blivet/CDS/CRRC Ramp Release Gate-Retrieved (As Required) (LM1)5. Static Line Retrieval – As Required (LM2)6. Pilot Notified-“LOAD CLEAR” or “MALFUNCTION” (LM1)7. “RED LIGHT”- On (MC/PNF)8. Jumpmaster-Alerted (LM1)

POST DROP AIRDROP CHECKLIST

- 1. Static Line Retrieval-As Required (LM2)**
- 2. Ramp and Door-Closed (As Required) (LM1)**
- 3. NVGs- As Required**
- 4. Cargo Compartment Lights- As Required (LM1)**
- 5. CDS GATE SELECT Switch- SAFE (LM1)**
- 6. Blivet/CDS/CRRC-Secured (As Required)**
- 7. HALO Safety Check-As Required (LM1)**
 - a. Jumper(s) Equipment De-armed-As Required**
 - b. Pilot Notified- HALO Safety Check
“COMPLETE” (LM1)**
- 8. Forward Loadmaster Station Oxygen System Panel,
Center Seat, and Lavatory Emergency Regulators-
As Required (LM1)**
- 9. HALO/THER Regulator Levers- As Required (LM1)**
- 10. Loadmaster's Report- “CHECK COMPLETE”
(LM1, LM2)**

BLIVET/CDS/CRRC MALFUNCTION CHECKLIST
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| <ol style="list-style-type: none">1. “RED LIGHT ON” (PNF)2. Cargo Compartment Lights - As Required (LM1)3. Static Line Retrieval – As Required (LM2)4. Ramp and Door – Closed (LM1)5. Blivet/Containers/CRRC – Secured (LM1, LM2)6. Pilot Notified – “MALFUNCTION CHECKLIST COMPLETE” (LM1) |
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SO JUMP-PILOT CHECKLIST

SOLL II JUMP PILOT

- 1. “CREW, JUMP PILOT CHECKLIST” (PF)
“ACKNOWLEDGED” (LM1, LM2)**
- 2. Static Line Retrieval – As Required (LM2)**
- 3. Ramp and Door – Closed (LM1)**
- 4. Cargo Compartment Lights – As Required (LM2)**
- 5. CDS GATE SELECT Switch – SAFE (LM1)**
- 6. ADS LOCK GANG CONTR, L/R LOCK SELECT
Rotary Switches – SAFE (LM1)**
- 7. ADS DROP GP SELECT Rotary Switch – SAFE
(LM1)**
- 8. Intermediate Inboard Anchor Cable Support(s) –
Rig for Personnel Airdrop (As Required) (LM2)**
- 9. Static Line Retriever Cable(s) – Rig for Personnel
Airdrop (LM2)**
- 10. Sidewall Seats– Up (LM2)**
- 11. Floor Area – Clear (LM2)**
- 12. Parachutist(s) – Ready (LM2)**
- 13. Parachute/Safety Harness – On**
- 14. Cargo Compartment Lights – As Required (LM2)**
- 15. NVGs – On (As Required)**
- 16. Air Deflector(s)/Paratroop Door(s) –
DEPLOYED/OPEN (As Required) (LM2)**
- 17. ELEC PWR Switch – ON (LM2)**
- 18. TROOP ARM/DISARM Switch – ARM (LM2)**
- 19. Jump Platform Lights – As Required (LM2)**

20. JUMP SIGNAL DIM Switch – As Required (LM2)

21. Jumpmaster – Alerted (LM2)

JUMP PILOT RELEASE POINT

- 1. Amber Light – On**
- 2. “FIVE, FOUR, THREE, TWO, ONE GREEN LIGHT” (MC/PNF)**
- 3. Pilot Notified – “LOAD CLEAR” or “MALFUNCTION” (LM1)**
- 4. “RED LIGHT” (MC/PNF) – ON**
- 5. Jumpmaster – Alerted (LM2)**

JUMP PILOT POST DROP

- 1. Static Line Retrieval – As Required**
- 2. Troop Door(s)/Air Deflector(s) – Closed (LM2)**
- 3. Air Deflector(s) – “CLOSED” (LM1)**
- 4. Cargo Compartment Lights – As Required (LM2)**
- 5. Aircraft Equipment – As Required**
 - a. TRM Cover – Installed**
 - b. Ramp Edge Cover – Stowed**
 - c. Rail Bridge Assembly – Stowed**
- 6. Loadmaster’s Report – “CHECK COMPLETE” (LM1, LM2)**

SIXTY-MINUTE ADVISORY

- 1. “SIXTY MINUTES” (JS) “ACKNOWLEDGED” (LM1, LM2)**
- 2. Troops – Notified “SIXTY MINUTES” (LM1)**
- 3. Load Restraint – Checked (LM1)**
- 4. Loose Equipment – Stowed (LM1)**
- 5. Cargo Compartment Lights – RED (LM2)**

THIRTY-MINUTE ADVISORY

- 1. “THIRTY MINUTES” (JS) “ACKNOWLEDGED” (LM1, LM2)**
- 2. Troops – Notified “THIRTY MINUTES” (LM 1)**
- 3. Winch – Ready (As Required) (LM2).**
- 4. Aft Cargo Winch Control Panel – Set (As Required) (LM1)**
- 5. ADS Links – Disconnected (LM1)**
- 6. Ramp Toes – Installed (LM1)**
- 7. INTL HORN INHIBIT Switch light – As Required (LM2)**
- 8. Chem. Lights – Activated**

TWENTY-MINUTE ADVISORY

- 1. “TWENTY MINUTES” (JS) “ACKNOWLEDGED” (LM 1, LM2)**
- 2. Troops – Notified “TWENTY MINUTES” (LM1)**
- 3. Load Restraint – Checked (As Required) (LM1)**
- 4. Intermediate/Aft Anchor Cable Support(s) and Anchor Cable(s) – Stowed**

5. Sidewall seats – Up

TEN-MINUTE ADVISORY

- 1. “TEN MINUTES” (JS) “ACKNOWLEDGED” (LM1, LM2)**
- 2. Troops – Notified “TEN MINUTES” (LM1)**
- 3. Exhaust Fans – AS REQUIRED (LM2)**
- 4. Lavatory Light – Off (LM2)**
- 5. Loadmasters – Positioned**

SIX-MINUTE ADVISORY

- 1. “SIX MINUTES” (JS) “ACKNOWLEDGED” (LM1, LM2)**
- 2. Troops – Notified “SIX MINUTES” (LM1)**
 - a. Notify troops by stating over the P.A. “SIX MINUTES”.**
- 3. Cargo Compartment Lights – Set (LM1)**
- 4. NVGs – On**

ONE-MINUTE ADVISORY

- 1. Troops – Notified “ONE MINUTE” (LM1)**
- 2. Troops – Notified “PREPARE TO LAND” (LM1)**
- 3. Seatbelts – Fastened**

SO OPERATIONAL STOP CHECKLIST

SOLL II OPERATIONAL STOP

- 1. “80 KNOTS” (JS)**
- 2. Troops – Notified “80 KNOTS” (LM2)**
- 3. Cargo Door – Open (LM1)**
- 4. Ramp – Open to coplanar (LM1)**
- 5. Parking Brakes – “As Required” “CLEARED TO ON/OFFLOAD” (or “CREW ENTRY DOOR CLEARED TO OPEN” or “COMBAT OFFLOAD CHECKLIST” or “PRE-HOT REFUELING CHECKLIST”)(PF)**
- 6. Troops – Notified “CLEAR TO OFFLOAD” (LM2)**
- 7. Ramp – Positioned for On/Offload (LM1)**
- 8. Loadmasters – Positioned (As Required)**
- 9. “CLEAR TO TAXI” (LM1)**
- 10. Cargo Door and Ramp – Closed (LM1)**
- 11. Cargo Compartment Lights – As Required (LM 1)**
- 12. Weight and Balance – Computed/Passed (LM2)**
- 13. Exhaust Fans – AS REQUIRED (LM2)**
- 14. Load Restraint – Checked (LM1)**
- 15. Loose Equipment – Stowed**
- 16. Aft Cargo Winch Control Panel – OFF/OFF/NORM (LM1)**
- 17. Troops – Notified “PREPARE FOR TAKEOFF” (LM1)**
- 18. Seatbelts – Fastened**
- 19. Loadmaster’s Report – “CHECK COMPLETE” (LM)**

HOT REFUELING BRIEFING GUIDE

1. REFUELING TEAM MEMBERS

- a. HRS**
- b. PO**
- c. FCO**
- d. HDPs**

2. ADDITIONAL CREW MEMBERS DUTIES

3. REQUIRED EQUIPMENT

- a. Hot Refueling Equipment (FAM Cart, 50 GPM pump, etc.)**
- b. 220 ft Interphone Cord**
- c. 50 GPM Pump Power Cord Adapter**
- d. Personnel Equipment (water canteen, IR chem. light/flashlight, spare NVG batteries, extra clothing)**

4. Loadmasters – Positioned (As Required)

- a. Interphone (HRS off during set up and tear down)**
- b. Handheld Radios (frequency, test)**
- c. Wireless**
- d. Loss of Comm. Procedure (training, contingency)**

5. NO REFUELING SITUATIONS

- a. Weather (electrical storm 5NM, high winds)**
- b. Hot Brakes (PO hot brake check)**
- c. Fire generating hot ashes**

d. Hazardous Conditions**6. EMERGENCY PROCEDURES****a. Hand Signal****b. Fuel Leak/Spill****c. Aircrew Evacuation****d. Aircraft Taxi****e. Fire Sparks****f. Miscellaneous**

- 1) Fuel Spray in Eye**
- 2) Individual Sprayed with Fuel**
- 3) Individual Overcome by Fumes**
- 4) Fuel Servicing Safety Zone Violation**
- 5) Hose Rupture**
- 6) FAM Cart Failure**
- 7) Receiver SPR Inoperative**

PRE-HOT REFUELING

- 1. 50 GPM Pump Power Cord – Connected (PO)**
- 2. 220 ft Interphone Cord – Connected (As Required) (HRS)**
- 3. Brake Temperatures – “CHECKED” (CP)**
- 4. Hot Refueling Equipment – “POSITIONED” (HRS)**
 - a. External Power – Connected (As Required)**
 - b. FAM Cart – Positioned (As Required)**
 - c. Hoses and Nozzles – Positioned**
 - d. FAM Cart/SPR Fire Extinguishers and Water Cans – Positioned.**
 - e. Fire Vehicle – Positioned (As Required)**
- 5. Refueling Nozzle – “CONNECTED AND CHECKED (FWD or AFT)” (PO)**
 - a. Refueling Nozzle – Checked**
 - b. Bonding Wire(s) – Connected**
 - c. Refueling Nozzle – Connected**
 - d. Nozzle Shut-Off Valve – Open**
 - e. Refueling Nozzle Security Check – Completed**
 - f. Half Ball Couplers – Open**
- 6. FAM Cart Engine – Started (HRS/FCO)**
 - a. Refueling Point Control Levers – CLOSED**
 - b. Decompression “T” Handle – Pulled Out**
 - c. Throttle – Idle**
 - d. Engine Stop/Run “T” Handle - Pushed In**

HOT REFUELING CHECKLISTS

- 7. Leak Check – “COMPLETED” (HRS, PO)**
- 8. FAM Cart Engine – Shutdown (As Required) (HRS/FCO)**
- 9. Refueling Nozzle(s) – “CONNECTED AND CHECKED, (FWD or AFT)” (PO)**
- 10. Pre-Hot Refueling Checklist – “COMPLETED” (CP, HRS, PO)**

HOT REFUELING

- 1. “RECEIVERS READY” (HRS)**
- 2. Left and/or Right Ground Refuel Valve(s) – “OPENED” (CP)**
- 3. “REFUELING COMPLETE” (HRS)**
- 4. Left and/or Right Ground Refuel Valve – “CLOSED” (CP)**
- 5. Hot Refueling Checklist – “COMPLETED” (CP, HRS, PO)**

POST HOT REFUELING

- 1. “CREW, POST HOT REFUELING CHECKLIST” – “ACKNOWLEDGED” (HRS, PO)**
- 2. X-FEED Valves – CLOSE (CP)**
- 3. Refueling Nozzle – “CONNECTED AND CHECKED (FWD or AFT)” (PO)**
- 4. Left and/or Right Ground Refuel Valve(s) – OPEN (CP)**
- 5. Separation Valve – As Required (CP)**
- 6. Fuel Fill Valves 2 and/or 3 – OPEN (CP)**
- 7. External Pump – “OFF” (PO)**
- 8. Left or Right Ground Refuel Valve – CLOSE (CP)**

9. Separation Valve – CLOSE (CP)

10. Fuel Fill Valves 2 and/or 3 – CLOSE (CP)

11. Interior Equipment – SET (CP)

a. Emitter Control Pages ½ – As Required

b. IFF – As Required

c. TACAN/DME – As Required

d. Radios – As Required

**12. Post Hot Refueling Checklist – “COMPLETED”
(CP, PO)**

FUEL LEAK/SPILL

1. **“CREW, FUEL LEAK/SPILL CHECKLIST” (Any Crewmember)**
2. **Ground Refuel Valve(s) “CLOSED” (CP)**
3. **Refuel Nozzle(s) “SHUTDOWN” (PO)**
4. **Controlling Agency “NOTIFIED” (As Required) (P)**
5. **FAM Cart “SET” (HRS)**
6. **Fuel Leak/Spill “CONTAINED” (HRS)**
7. **Fuel Leak/Spill Checklist- “COMPLETED” (CP)**

AIRCREW EVACUATION

1. **“CREW, AIRCREW EVACUATION CHECKLIST” (P)**
2. **Ground Refuel Valve(s)- “CLOSED” (CP)**
3. **Refuel Nozzle(s)-“SHUTDOWN” (PO)**
4. **FAM Cart- “SET” (HRS)**
5. **Throttles- “IDLE” (P)**
6. **Parking Brakes- “ON” (P)**
7. **Controlling Agency- “NOTIFIED” (As Required) (P)**
8. **Ground Exits – “AS REQUIRED” (P)**
9. **ENG SHUT OFF Switches- “OFF” (P)**
10. **APU- “OFF” (P)**
11. **EXT PWR-“OFF” (P)**
12. **Crew/Passenger/Auxiliary Oxygen Systems –As Required (CP, JS)**
13. **Troops/Crew-“EVACUATE” (P)**

14. IRUs- “OFF” (CP, P)
15. BATT Switch – “OFF” (P)
16. Aircrew Evacuation Checklist- “COMPLETED (P, CP)

AIRCRAFT TAXI

1. “CREW, AIRCRAFT TAXI CHECKLIST” (P)
2. Ground Refuel Valve(s) - “CLOSED” (CP)
3. Refuel Nozzle - “DISCONNECTED” (PO)
4. Controlling Agency - “NOTIFIED” (As Required) (P)
5. FAM Cart – “SET” (HRS)
6. Taxi Clearance -“CLEAR TO TAXI” (PO)
7. Aircraft Taxi Checklist -“COMPLETED” (CP)

FIRE/SPARKS

- 1.“CREW, FIRE/SPARKS CHECKLIST” (Any Crewmember)
2. Ground Refuel – Valve(s) “CLOSED” (CP)
3. Refuel Nozzle(s) – “SHUTDOWN” (PO)
4. Controlling Agency – “NOTIFIED” (As Required) (P)
5. FAM Cart – “SET” (HRS)
6. Fire/Sparks – “CONTAINED” (HRS)
7. Fire/Sparks Checklist – “COMPLETED” (CP)

HOT REFUELING EMERGENCY PROCEDURES**FUEL SPRAY IN EYE**

1. Flush with water.
2. Continue irrigation as long as burning persists.
3. Seek medical assistance immediately.

INDIVIDUAL SPRAYED WITH FUEL

1. Flush individual with large quantities of water and soap.
2. Remove all contaminated clothing.
3. Continue irrigation of individual as long as burning sensation persists.
4. Seek medical attention immediately.

INDIVIDUAL OVERCOME BY FUMES

1. Take individual to aircraft and place on oxygen.
2. Seek medical assistance immediately.

**FUEL SERVICING SAFETY ZONE (FSSZ)
VIOLATION**

1. Ground Refuel Valve(s) – “CLOSED” (CP)
2. Refuel Nozzle(s) – “SHUTDOWN” (PO)
3. The PO will close the nozzle shutoff valve(s).

HOSE RUPTURE

1. Complete FUEL LEAK/SPILL Checklist
2. Replace/Repair hose.

FAM CART FAILURE

- | |
|---|
| <ol style="list-style-type: none">1. Ground Refuel Valve(s) – “CLOSED” (CP)2. Refuel Nozzle(s) – “SHUTDOWN” (PO)3. FAM Cart – “SET” (HRS)4. T, X, Y Assembly – “Installed” (As Required) (HRS) |
|---|

RECEIVER SPR INOPERATIVE

- | |
|---|
| <ol style="list-style-type: none">1. Replace refuel nozzle connected to receiver |
|---|

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